

Message Text

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PAGE 01 STATE 059171

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ORIGIN ERDA-07

INFO OCT-01 IO-11 ISO-00 OES-05 EPA-04 NRC-07 AID-05

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TO USMISSION IAEA VIENNA

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E.O. 11652: N/A

TAGS: IAEA, TECH, SENV

SUBJECT: IAEA COORDINATED RESEARCH PROGRAM ON SOURCE,
DISTRIBUTION, MOVEMENT AND DESPOSITION OF RADIUM IN INLAND
WATERWAYS AND AQUIFERS

REF: A) IAEA VIENNA 10525, 12/18/75; B) IAEA VIENNA 7276,
8/26/75

1. MISSION MAY INFORM AGENCY THAT ERDA'S DIVISION OF OPERATIONAL
SAFETY IS WILLING TO PARTICIPATE IN SUBJECT PROGRAM AND PROVIDE
PERIODIC REPORTS ON ITS CURRENT ENGINEERING STUDY OF ENVIRON-
MENTAL PROBLEMS RESULTING FROM ABOUT 20 INACTIVE URANIUM
MILL TAILING SITES IN US COMPRISING TOTAL OF SOME 25 MILLION
TONS OF TAILINGS CONTAINING ABOUT 14 KILOGRAMS OF RADIUM. STUDY
DESIGNED TO DEVELOP INFORMATION ON METHODS FOR LONG-TERM
STABILIZATION OF URANIUM MILL TAILINGS, AND INCLUDES (A)
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PAGE 02 STATE 059171

DEGREE OF LEACHING IN SUBSOILS AND AQUIFERS, (B) WHERE APPLI-

CABLE, EFFECT ON SURFACE WATERWAYS, AND (C) EXAMINATION OF HYDROLOGY OF EACH SITE. STUDY COULD MAKE CONTRIBUTIONS ON SEVERAL OF SUBJECTS LISTED IN SCIENTIFIC SCOPE OF IAEA'S INFORMATION SHEET ATTACHED TO LETTER, MARCH 19, 1975. MR. RICHARD H. KENNEDY, DIVISION OF OPERATIONAL SAFETY, ERDA, WOULD BE PRINCIPAL COORDINATOR FOR ERDA ON THIS PROGRAM, FOR WHICH HE HAS OVERALL RESPONSIBILITY.

2. IN ADDITION, MISSION MAY INFORM AGENCY THAT EPA WOULD BE GLAD TO PARTICIPATE IN SUBJECT PROGRAM AND THAT EPA'S OFFICE OF RADIATION PROGRAMS IS PREPARED TO PROVIDE ONE REPORT PER YEAR ON RELATED WORK. THAT OFFICE WILL CONTINUE TO BE INVOLVED IN PROGRAMS RELATED TO GENERAL TOPIC OF SUBJECT PROGRAM, INCLUDING (A) COMMUNITY STUDY OF RADIUM IN DRINKING WATER, (B) REMOVAL OF RADIUM FROM WATER SUPPLIES, (C) RADIUM LEACHING FROM URANIUM MILL TAILINGS PILES, (D) RADIUM FROM PHOSPHATE MILLS, (E) RADIUM IN WATER, (F) RADIUM IN GEOTHERMAL ENERGY SOURCES, AND (G) RADIUM IN COAL. JACK E. THOMPSON, DIRECTOR MULTILATERAL ORGANIZATIONS, IS EPA CONTACT.

3. NRC CONSIDERING POSSIBLE WORK IN SUBJECT AREA AND WILL BE GLAD TO PARTICIPATE IN AGENCY'S PROGRAM IF RELEVANT RESEARCH INFORMATION IS DEVELOPED. NRC PLANS TO KEEP IN CLOSE TOUCH WITH ERDA'S WORK AND WITH AGENCY'S COORDINATED PROGRAM. INGERSOLL

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